

SPECIFICATION:

Kindly amend the specification as follows:

Replace the paragraph at lines 15-18 of page 12 with the following:

--Flow rate of the gas fed, ~~by a gas feeder,~~ to the furnace 30 or the cooling unit 70 of the invention is controlled by a flow regulator (not shown), rotation speed of the rotary body with the slits, position of a rotating part, on/off control of the gas feeding ports and kind of the gas are controlled by using a controlling computer. ~~The feeder feeds the gas from an external source.~~In a second of two methods mentioned earlier for artificially inducing polarization, and as shown in FIG. 8, switches 73, 74 are sequentially set on/off in a rotation direction. Thus, switch 73 is actuated and then switch 74 is actuated, according to the rotation direction indicated by arrow ②. Switches for the other two ports would then be sequentially actuated in the order indicated by arrow ②. Since the switches 73, 74 are connected to their respective ports labeled P, the ports are accordingly, by means of their respective switches, subject to on/off control by the controlling computer 48.--